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(54) Title: NOVEL SODIUM CHANNEL BLOCKERS

(57) Abstract: The present invention is directed to novel phenytoin derivative compounds and the use of such compounds as sodium channel blockers. Such compositions have utility as anti-cancer agents and can be used to limit or prevent PCa growth and/or metastasis.

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# INTERNATIONAL SEARCH REPORT

International application No.

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07C 263/00; A61K 31/415

US CL : 514/398, 397; 560/345

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/398, 397; 560/345

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAS ONLINE : STRUCTURAL SEARCH AND TUMOR ,AND NA CHANNEL BLOCKER

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,258,054 A (SARGES) 24 March 1981(24.03.1981), col. 1, lines 1-15.	10, 13, 15, 17, 18
Y	BROWN et al Effects of log P and Phenyl Ring Conformation on the Binding of 5-Phenylhydantoin to the Voltage-Dependent Sodium Channel. Journal of Medicinal Chemistry. 15 January 1997, Vol. 40, No. 4, pages 602-607, especially page 603.	1,3-5, 19-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

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later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

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"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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